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L9: Entry 3 of 4   File: USPT   Mar 24, 1992

US-PAT-NO: 5099422
DOCUMENT-IDENTIFIER: US 5099422 A

TITLE: Compiling system and method of producing individually customized recording media

DATE-ISSUED: March 24, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Foresman; R. Scott	La Jolla	CA	N/A	N/A
Slade; Michael G.	San Francisco	CA	N/A	N/A
Moscicki; John M.	La Jolla	CA	N/A	N/A
Keilty; Kathleen B.	Minneapolis	MN	N/A	N/A
Shek; Terence P.	San Francisco	CA	N/A	N/A

ASSIGNEE INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Datavision Technologies Corporation (formerly Excnet Corporation)	San Francisco	CA	N/A	N/A	02

APPL-NO: 7/ 324896
DATE FILED: March 17, 1989

PARENT-CASE:
CROSS REFERENCE TO RELATED APPLICATION This application is a continuation-in-part application of co-pending U.S. Pat. application of Michael G. Slade, Ser. No. 06/850,239, filed April 10, 1986, now U.S. Pat. No. 4,863,384, entitled "Personalized Feedback System Utilizing Pre-Recorded Media and Method of Making Same."

INT-CL: [5] G06F 15/22, G06F 15/24
US-CL-ISSUED: 364/401; 358/84, 358/86, 358/903, 360/14.1
US-CL-CURRENT: 705/1; 386/54, 705/26, 725/146, 725/35
FIELD-OF-SEARCH: 358/342, 358/341, 358/335, 358/84, 358/86, 358/142, 358/903, 364/401, 434/308, 360/72.1, 360/72.2, 360/14.1

REF-CITED:

U.S. PATENT DOCUMENTS

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4602279	July 1986	Freeman	358/142 X
☐	4724491	February 1988	Lambert	360/14.1 X
☐	4725977	February 1988	Izumi et al.	364/900
☐	4745549	May 1988	Hashimoto	358/84 X
☐	4775935	October 1988	Yourick	364/401
☐	4863384	September 1989	Slade	434/107
☐	4905094	February 1990	Pocock et al.	358/86 X
☐	4918516	April 1990	Freeman	358/86
☐	4924303	May 1990	Brandon et al.	358/86
☐	4941040	July 1990	Pocock et al.	358/86

ART-UNIT: 231
PRIMARY-EXAMINER: Shaw; Dale M.
ASSISTANT-EXAMINER: Brutman; Laura
ATTY-AGENT-FIRM: Kleinke; Bernard L. Potts; Jerry R. Waters; William P.

ABSTRACT:

The compiling system and method of the present invention enables the recording of individually customized information onto blank storage media devices, and includes a data base memory device for storing information signals indicative of customized recipient information pertaining to a group of recipients. A presentation memory device stores a group of pre-recorded signals indicative of a group of information segments to be compiled selectively. A computing device responds to stored information signals indicative of customized recipient information for selecting certain ones of said pre-recorded signals indicative of certain ones of said segments and for causing signals indicative of certain ones of said segments to be retrieved selectively in a given sequence for compilation purposes. A recording device responds to retrieved signals indicative of certain ones of said segments for storing said retrieved signals onto individual ones of the storage media devices.

35 Claims, 10 Drawing figures

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L9: Entry 3 of 4   File: USPT   Mar 24, 1992

DOCUMENT-IDENTIFIER: US 5099422 A
TITLE: Compiling system and method of producing individually customized
recording media

DEPR:
The components of the system S are interconnected generally as indicated in
FIG. 1, and used with suitable programming to produce the recording media
970. The compiling system selects and plays back audio/video segments;
graphics, music, narration from the player 920A, and special effects from
the audio/video switcher 915. Additionally, the program operating with the
data computer 900 merges or integrates data base information as part of the
presentation to create either or both a recording media having customized
information sequenced for audio-visual display purposes, or a media with
printed indicia thereon having customized information sequenced and
integrated with recipient information.

DEPR:
Considering now the interconnecting of the synchronizing portion of the
coupling system S with reference to FIG. 1, the sync generator 917 is
interconnected by suitable cables illustrated at 907A to the audio/video
switcher 915, to provide a video black signal to the audio/video switcher
915. A selected video from a selected one of the video outputs 920A-925A
and 907, is coupled from the audio/video switcher 915 by a suitable cable
illustrated at 918 to the customizing overlay integrator 930, and more
particularly to its graphics and character generator 931.

DEPR:
An audio output port 915B from the audio/video switcher 915 is
interconnected by a cable 918A to the customizing overlay integrator 930,
and more particularly, to its audio level control portion 934. The output
from the audio level control 934 is transmitted via a cable 932A to the
audio input of an audio distribution amplifier 936. The output from the
audio distribution amplifier 936 is transmitted via a cable 937A to the
audio input of the recorder 950. Recorder 950, in turn, records the audio
signal on a suitable medium, such as a track of the conventional
videocassette 970.

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L9: Entry 2 of 4   File: USPT   Mar 1, 1994

US-PAT-NO: 5291396
DOCUMENT-IDENTIFIER: US 5291396 A

TITLE: Method of ordering, shipping and merchandising goods and shipping/display assembly therefor

DATE-ISSUED: March 1, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Calcerano; Victor	Carmel	NY	N/A	N/A
Ricci; Joseph T.	Bethel	CT	N/A	N/A

ASSIGNEE INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Duracell Inc.	Bethel	CT	N/A	N/A	02

APPL-NO: 7/ 819034
DATE FILED: January 10, 1992

INT-CL: [5] G06F 15/22, G06F 15/24, G06G 7/52
US-CL-ISSUED: 364/401; 206/44R, 206/45.11, 206/45.18
US-CL-CURRENT: 705/1; 211/52, 705/26
FIELD-OF-SEARCH: 364/401, 364/403, 206/333, 206/44R, 206/44.12, 206/45.11, 206/45.18

REF-CITED:

U.S. PATENT DOCUMENTS

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4191288	March 1980	Hostad	206/44R
☐	4667827	May 1987	Calcerano	206/461
☐	4799156	January 1989	Shavit et al.	364/401
☐	4825624	May 1989	Calcerano	53/442
☐	4828133	May 1989	Hougendobler	206/44R
☐	4896770	January 1990	Calcerano et al.	206/333
☐	4938352	July 1990	Calcerano et al.	206/333
☐	4958731	September 1990	Calcerano	206/333
☐	4961533	October 1990	Teller et al.	364/403
☐	4984155	January 1991	Geier et al.	364/401
☐	5038283	August 1991	Caveney	364/401

ART-UNIT: 231
PRIMARY-EXAMINER: McElheny, Jr.; Donald E.
ASSISTANT-EXAMINER: Brutman; Laura
ATTY-AGENT-FIRM: Cornell; Ronald S. McVeigh; James B. Josephs; Barry D.

ABSTRACT:

Goods which come in different sizes, shapes, numbers, etc. are packed in assemblies which comprise a tray and a plurality of open-top box-like modules which sit snugly side-by-side in the tray. Each module is prepacked and contains only one size, shape, etc. goods. At its destination the loaded assembly, usually along with other loaded assemblies, becomes the display package for the different size, shape, etc. goods. The method of the invention utilizes a lap-top computer working with a mainframe by which the order is placed and immediately gives pricing information. In the case of a custom or tailored order of different numbers of various sizes of goods, the computer is able to indicate whether the order will make up a complete shipment of packing assemblies, with the correct number of prefilled modules to fill the trays with none left over.
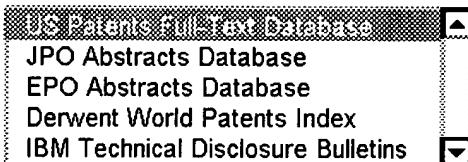
9 Claims, 7 Drawing figures

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starting with: OUTPUT$(OUTPUT-VALUES-PER-INCH).P27-P83.

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USPT	(5351186.pn. or 5291396.pn. or 5099422.pn. or 4958280.pn.) and ((integrat$ or combin$ or (put$ adj5 together)) with (source$1 or data or output$))	4	L9
USPT	16 and 17	4	L8
USPT	((705/26 l705/27)!.CCLS.)	571	L7
USPT	13 and 15	29	L6
USPT	((705/?)!.CCLS.)	1372	L5
USPT	12 and @fd<=19920505	0	L4
USPT	12 and @ad<=19920505	1790	L3
USPT	computer and (sell$ or sale) and ((integrat$ or combin$ or (put$ adj5 together)) with (source$1 or data or output$))	5341	L2
USPT	4982346.pn. or 4359631.pn. or 5319542.pn. or 5528490.pn. or 5970471.pn.	5	L1